

DESCRIPTION OF BASIC LIFE SUPPORT KNOWLEDGE AND SKILLS FOR RANGERS IN DISASTER PREPAREDNESS ON LAWU MOUNTAIN

Hafizh Budhi Irfano, Mulyaningsih
hafizh.students@aiska-university.ac.id
Universitas 'Aisyiyah Surakarta

ABSTRACT

Background: Mount Lawu, with an altitude of 3,265 meters above sea level, is located in Karanganyar Regency, an area prone to disasters such as landslides, forest fires, and medical risks like hypothermia, which can lead to respiratory and cardiac arrest in climbers. This condition requires ranger preparedness as hiking trail volunteer rescuers who provide first aid, including Basic Life Support (BLS). ***Objective:*** To describe the knowledge and skills levels of rangers related to BLS in the context of disaster preparedness. ***Method:*** A descriptive quantitative study using total sampling involving 103 active rangers on the Candi Cetho and Cemoro Kandang hiking trails. Data were collected using questionnaires. ***Results:*** The level of ranger knowledge was categorized as good (35.9%), sufficient (51.5%), and lacked (12.6%). Skill levels were categorized as good (24.3%), sufficient (27.2%), and lacked (48.5%). ***Conclusion:*** The majority of rangers had sufficient knowledge but relatively low skills. Therefore, intensive advanced training is needed to improve BLS skills to a good level so that rangers are prepared to handle emergencies on hiking trails.

Keywords: Basic Life Support, Disaster Preparedness, Ranger.